Address reply to
CHIEF SIGNAL OFFIGER OF THE ARMY,
Washington, D. C.

Personnel DIVISION

# WAR DEPARTMENT, OFFICE OF THE CHIEF SIGNAL OFFICER, WASHINGTON.

July 24, 1920.

Dear Sir:

- prebably be interesting to you to know something of the importance of radio in a modern army and what the United States Signal Corps is doing to keep abreast of the times in the radio art. You are undoubtedly aware of the important part the amateur radio man played in the World War and no one realizes this fact more than the Signal Corps, under which branch of the service all Army radio activities functioned during the War. The country certainly owes a great debt to the amateur radio enthusiasts of the country for their loyal support during this time of need.
- Are you aware of the fact that there are over thirty radio transmitting and receiving stations in an infantry division of about 27,000 men and that in the Meuse-Argonne Offensive over twenty-eight such divisions participated? With the Army and Army Corps special radio stations, a modern army the size of the First American Army in France would require over one thousand radio transmitting and receiving stations and most of these stations are of the continuous wave type, using vacuum tubes. When it is considered that the First Army operated over a front of something like sixty/miles and that the French and British used radio in about the same propertion, some idea can be pictured of the importance of radio. It may also be interesting to know that the United States Signal C orps operated radio goniometric, (direction finding) stations from the Argonne to the Swiss Border and were able to locate enemy radio stations and enemy airplanes which were directing artillery fire by radio. In connection with this system, radio intercept stations were operated along the front which copied radio messages sent by the enemy. The importance of this information is self evident: it enabled our Army to know the boundaries of the enemy units by the location of their radio stations and gave us a "Peek" into their tactical messages. Listening stations were also operated by the Signal Corps in the front lines. The very latest types of amplifiers were used for this special work. These stations copied the strey enemy telephone and ground telegraph messages which were ever present on the front. The interesting part of all this is that most of these stations were installed, operated and maintained by the Army's stand-bys, the AMATEUR RADIO MEN.
- 3. To keep abreast of the times in this swiftly advancing art, it is necessary in times of peace for the Signal Corps to continually, develop new apparatus. This development mostly has to be done in secrecy

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## WAR DEPARTMENT,

OFFICE OF THE CHIEF SIGNAL OFFICER,

July 24, 1920.

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and necessitates keeping well up with extreme radio possibilities. The cost of the latest and most modern apparatus is almost beyond any but the wealthy. Few amsteurs today are able to obtain the vacuum tubes and storage battery equipment necessary for undamped wave transmission and reception and there exists still fewer opportunities to study and become familiar with them.

- In addition to radio, the Signal Corps is charged with furnishing many other means of communication, such as telephone and telegraph, messengers on foot, horse, motor and bicycle, pigeons, panels placed on the ground to convey messages to airplanes and many forms of visual signaling, including rockets and flares, lamps, wig-wag, semaphore and heliograph. Each method necessitates a trained soldier to insure efficient handling. The Signal Corps furnishes all weather information and forecast needed by the Army in correcting artillery fire, navigating the air, and in planning its operations. The Signal Corps is also charged with all photographic and cinematographic work of the Army not specially assigned to other corps, arms, or departments.
- At the present time the Signal Corps operates a complete communication system in Alaska. This comprises a cable from Seattle to Alaskan Coast points with land lines and radio stations throughout the interior. Continuous twenty-four hour service is given on this System and the most efficient personnel is required to handle the traffic. In addition, the Signal Corps operates and maintains military radio, telephone and telegraph systems throughout the United States, the Philippines, Panama, Hawaii and in the occupied territory in Europe, all of which are manned by Signal Corps men.
- In order to efficiently handle the radio and other communication methods in time of peace, and to be always prepared with the latest equipment and well trained personnel in time of war, it has been necessary for the Signal Corps to establish modern schools wherein this personnel is trained in the very latest communication methods,
- The principal school for this purpose has been established at Camp Alfred Vail, Little Silver, New Jersey, which place was the development and research center of the Signal Corps for all radio equipment intended for use in the A.E.F. The radio, telephone and telegraph laboratories and operating departments are all completely equipped with thousands of dollars worth of equipment, all newly installed. The faculty consists of a number of commissioned and noncommissioned officers of the Signal C orps, who have had years of practical experience and several civilian instructors, each selected for his special qualifications in his line.
- 8. The courses at the School fit men for the following vocations:

Radio Operator, Lineman, T elegraph Operator, Cable Tester, Telephone switchboard installer,

Radio Specialist, Telegraph Mechanic, Cable Operator, Telephone Expert, Telephone Mechanic,

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clophone switchboard installer,

Steerelogical Observer and Computer

The student may select the course he desires after arrival at the School providing be has the basic education necessary to pursue the course. Each course will run for approximately six months. Upon graduation, a man is given a certificate of proficiency in the \*subjects he has pursued. These certificates will greatly assist a man in receiving a well paid position upon discharge. The location of the School is a delightful one, within a few miles of Long Branch and Asbury Park, the two famous summer resorts on the Atlantic Coast, the amusements and social life of which are available to the school students. New York City is but one hour and twenty minutes distant by train and students are given week-end leaves of absence to visit this city if they so desire. The life of the student is identical with that of the student at any military school or academy. While taking the courses, students perform no military duty except that necessary to keep them physically fit and able to take the field in case of emersency. The athletic life corresponds to that of the average academy of similar standing. The Government appropriates a considerable sum each year for athletics alone. The School is equipped with a complete and up+to-date library, containing all the latest newspapers and periodicals as well as books on fiction, history, technical subjects, etc. The School has received the endorsement of the Western Union Telegraph Company, The American Telephone and Telegraph Company and the Westinghouse Electric Company. These endorsements were given after the School and its methods had been thoroughly investigated by representatives of these organizations. Copies of the written endorsements of these concerns will be gladly furnished you upon request. There exists at the present time about two hundred and fifty vacancies for the Camp Vail School. The next semester commences about August 14,1920. 12. After receiving a training at this School, students are assigned to the Signal Corps organizations throughout the United States, Philippines, Alaska, Panama, Hawaii and the occupied territory in Europe. Here they have an opportunity to practically apply the training they

- have received at the School
- If you have a desire, and are so situated as to take advantage of this wonderful opportunity which the Signal Corps is offering you to obtain a first class knowledge of radio or other professions, and to travel throughout the United States and its possessions, it is kindly requested you communicate with the Chief Signal Officer of the Army, Washington, D.C. using enclosed self-addressed penalty envelope, (without stamp), Full information, with pamphlets, pay tables; photographs and circulars will be immediately mailed to you. If you are not in a position to take advantage of this offer, would you kindly hand this letter to one of your friends who might be interested. This office will be glad at any time to answer any inquiries that you wish to make, so do not be backward in writing.
- To join the Signal Corps and be assigned to the School, direct, it will be necessary for you to enlist for three years. Due to the fact that the Signal Corps is composed largely of trained specialists and it takes at least a year to train men to adegree where their services can

The student may called the course he desires after arrival at the school provided he has the bear advention necessary to burgue the course. Most course will run for approximately six months. Upon production, a sen is given a certificate of redictency in the subjects he has pursued. These certificates will prestly assime a man in receiving a well paid positipal upon discharge.

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be utilized to efficiently perform Signal Corps duties, you can readily understand that should a man enlist for but one year, the Government would receive nothing in return for the training, and, for this reason, enlistments for assignment to the School, direct, are for a period of three years, only. Enlistments are made for the Signal Corps, general assignment, for one year. In this case a man is reported to this office after arrival at the recruit depot and is assigned wherever his services are most needed.

- During these three years you will be well looked after by the Signal Corps. You will be paid, depending upon your ability, between \$30 and \$113 per month. In some cases the pay is considerably more than this. This pay commences the day you join. In addition, you are furnished quarters, food, clothing, laundry, medical and dental attendance, in fact everything necessary to life. Signal Corps men are under no expense to themselves, whatsoever, and pay received is net and free from charges of any kind. You also have an opportunity to take out the cheapest life insurance in the world. Kindly think this over carefully, Where can you better receive a technical education and pay at the same time, enjoy travel and the body and moral-building life that goes with Army service? An invitation is given those living in the vicinity of Camp Vail to visit the School and see for themselves what is being done at this Army University.
- 16. In order to take advantage of this offer, you must have the equivalent to an eighth grade education, be between 18 and 35 years of age, of good health and have no one dependent upon you for support.
- 17. The War Department will furnish you free transportation from the recruiting office nearest where you live to Camp Alfred Vail.
- 18. It is sincerely hoped you will give this matter serious thought and will write this office for further particulars. This is necessary in order that authority can be furnished you to enlist for the Signal Corps and insure your proper and prompt assignment to the School.
- 19. Remember a prompt reply will be cheerfully made to any inquiries you wish to make. Please let us hear from you.

Jeon O. Ja

Major General, Chief Signal Officer of the Army.

Enclosures.

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THE SIGNAL CORPS MUSEUM
FOR MONAGOTH, NEW JERSEY
PROPERTY OF SIGNAL CORPS, U. S. ARMY.

acc 112-1955 Col Chas. Felsterd

## A FEW FORCEFUL FACTS ABOUT THE SIGNAL CORPS.

The seven essentials free, viz:

1. Wholesome, body-building food.

2. Clean, comfortable, and healthful sleeping quarters.

3. Clothing - Free laundry service.

4. Medical attention.

5. Dental work.

6. Recreation and amusements.

7. Education.

You can get the cheapest life insurance in the world,

Besides, you are paid \$30 per month in cash from the beginning. Promotion is rapid for those taking an interest in the work and becoming qualified. Pay in the United States runs as high as \$134.30, in addition to allowances.

The Law provides that when a Staff Sergeant or Master Sergeant of the Signal Corps, having a wife or dependent child or children is ordered to make a permanent change of station, the United States shall furnish transportation in kind for the wife or dependent child or children.

Qualified telegraph or radio operators in the Signal Corps receive up to \$5.00 per month in addition to above.

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Those enlisting are entitled to an enlistment allowance of \$90 payable upon honorable discharge. Those reenlisting are entitled to this amount, payable upon reenlistment.

Applicants for first enlistment in the Army must be between ages of eighteen and thirty-five years. Maximum age limit of thirty-five years does not apply to those who have had prior service.

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The Signal Corps School, Camp Alfred Vail, New Jersey is maintained for the training of Signal Corps personnel along the special technical lines to enable them to efficiently perform their duties. Courses are also given in the Field and Telegraph Battalions of the Signal Corps. Those pursuing courses at the School or in these organizations are given certificates of proficiency covering the courses completed.

Enlistments are open for the following:

The Signal Corps School, Camp Alfred Vail, Little Silver, New Jersey.
The Signal Corps organizations marked with an (x) on next page.
Qualified radio and telegraph operators for Alaskan System.
Men with equivalent to an eighth grade education for Military
Intelligence Radio Station; Mexican Border.

Meteorological Section; Signal Corps.

Signal Corps organizations are stationed as fellows:

### ORGANIZATION

### LOCATION

	1st F.S.Bn.,	American Forces in Germany
Х	2nd " 1st Div.,	Camp Taylor, Ky.
	3rd "	Hawaii
	4th "	Panama
X	5th " 3rd Div	Camp Pike, Ark.
x	6th " 6th Div.,	Camp Grant, Ill.
Х	7th " (Mounted)	Camp Travis, Texas
x	8th " 4th Div.,	Camp Dodge, Iewa
х	9th " 5th Div.	Camp Gordon, Ga.
x	10th " 7th Div.	Camp Funston, Kans.
X	F5 1 1 m = 5	Ft. Sam Houston, Texas
х	52nd " "	Ft. Sam Houston, Texas
	53rd " "	Philippine Islands, - Hawaii
	54th " "	Panama
x	55th " "	Camp Alfred Vail, N.J.
		Alaska
	2nd " " "	Alaska
	3rd " "	Boston, Mass.
X	4th " "	Fort Wood, New York Harbor
	5th " "	Charleston, S.C.
	6th " "	Chicago, Ill.
х	7th " "	Ft. Sam Heuston, Texas
X	8th " "	San Francisco, Calif.
	9th " "	Hawaii
	10th " "	Philippine Islands
	11th " "	Panama
х	15th " "	Camp Vail (Mostly students attending school)
	1/th "	Washington, D. C.
	27th " "	Seattle, Wash.
	S.C. Detachment	American Forces in Germany

Act of Congress approved June 4, 1920 increases the pay of Signal Corps men, except privates and privates first-class, approximately 20% above that shown in Signal Corps Pamphlet "A Message From The Signal Corps".

Write the Chief Signal Officer of the Army, Washington, D.C. for further information. Distinct and another are largery to ventationed to lead with

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	Signature)	
REMARKS:		
If you are not so situated as to the Signal Corps has to offer in vocationames and addresses below of some of you interested.  NAME OCCUP.	ur friends whom you consider might be	
Note: Place (X) in front of info you are most interested in		_
Signal Corps Service	e in General.	
Telephony,	Meteorology	
Radio Telegraphy,	Telegraphy,	
I am particularly interested in:		
Signal Corps School, Camp Alfred Advantages in Telegraph Battal: Advantages in Field Signal Battal: Opportunities for first class operators for Signal Corps Cabi Opportunities in Meteorological	ed Vail, New Jersey.  ions, Signal Corps.  talions, Signal Corps.  radio and telegraph  le & Telegraph System in Alaska.  L Section, Signal Corps.  service in the Signal Corps, U.S. Arm	y.
It is requested I be furnished with Outline of courses and other in		
The Chief Signal Officer of the Army, Washington, D. C.	AL	7.5
	State	
	City or town.	

For your convenience this blank form is furnished for your reply to enclosed letter. Simply fill out and enclose in penalty envelope, which is furnished and mail to the Chief Signal Officer of the Army, Washington, D. C.

The Chief Sienel Officer of the Army, Unite
It is requested I be furnished with full particulars covering:
Signal Corps School, Cemp Alfred Yall, Hew Jersey,
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Note: Place (X) in front of information desired and the subjects you are most interested in.
If you are not so situated as to become perconally interested in what the Signal Corps has to offer in voquitonal training, would you kindly give
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REMARKS.
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# UNITED STATES ARMY OFFICIAL PHOTOGRAPHS OF THE WORLD WAR

You can get official photographs made by the United States Signal Corps and illustrate the activities of our Army at Home and overseas in France, England, Italy, Russia, Belgium, Luxembourg, Austria, Germany, Siberia, and elsewhere.

There are thousands of them from which to select; pictures of our Army preparing at home, training abroad, and in action on the battlefields. There are scenes at base ports, billet towns, on the march, in training areas. at hospitals, in the Service of Supply. The ArmyAs auxiliary organizations and various ceremonies of Army life are shown. There are thousands of photographs of organizations and of the individual officers and men who fought the War. Also, many of these activities are recorded in motion picture film.

Copies of these photographs may be obtained from the Photographic Section Signal Corps, United States Army, Washington, D.C., at prices as follows:

For the standard print,  $6\frac{1}{2}$  X  $8\frac{1}{2}$  inches, 15 cents per copy; Enlargements per copy, 11 X 14 inches, black and white, 40 cents, sepia, 45 cents; 14 X 17 inches, black and white, 55 cents, sepia, 65 cents; 16 X 20 inches, black and white, 80 cents, sepia, 90 cents; 18 X 22 inches, black and white, 90 cents, sepia, \$1.00; 20 X 24 inches, black and white, \$1.15, sepia, \$1.25; for the motion picture film, positive print, 10 cents per foot, duplicate negative, 80 cents per foot,

Catalogues containing numbers and descriptions of all photographs and instructions for ordering have been supplied by the War Department to all public libraries in the United States. Consult your nearest public library. Order by catalogue number if possible. If this is impracticable, communicate with the Photographic Section, Signal Corps, United States Army, Washington, D.C., naming the scene, action, location, organization, or individual, and that office will endeavor to determine whether the picture you want is in the collection.

Orders must be accompanied by money order, certified check, or cash. Postage stamps can not be accepted.

Order your pictures direct from the United States Government, which furnishes them to you at cost. By so doing you save the profit of the private concern which must secure them from the Government.

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